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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Atty. Docket 006401.00378  
No.:

**Antrim et al.**

Serial 10/089,496  
No.:  
Filed: July 30, 2001  
For: ROOT RETARDANT

Group Art Unit: N/A  
Examiner: N/A

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. & 1.56, 1.97 and 1.98, is Form PTO/SB/08A (substitute for form PTO-1449/A/PTO), submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form PTO/SB/08A, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form PTO/SB/08A is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

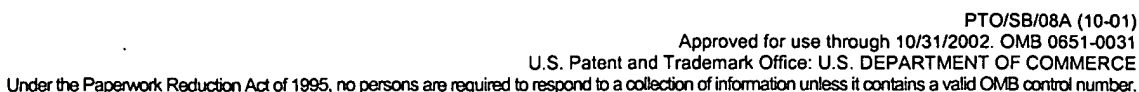
Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

01/14/2004 MBELETE1 00000130 190733 10089496

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The Information Disclosure Statement is being filed:





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2004 Substituted for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	10/089,496
				Filing Date	July 30, 2001
				First Named Inventor	Antrim et al.
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	006401.00378

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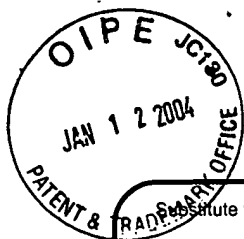
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PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/089,496	
			Filing Date	July 30, 2001	
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			Group Art Unit		
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	006401.00378

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
✓	3.	COOK, A.H. et al., "Chemical Aspects of Malting. II. Method for Assaying the Germination-Inhibitory Activity of Barley Steeping Liquors", <u>J. Inst. Brewing</u> , 1952, 58: 407-13, Abstract.		
	4.	PEERS ET AL., "Germination-Inhibitory Substances in Oat Husk", <u>W. African J. Bio. Chem.</u> , 1958, 2: 9-14, Abstract		
	5.	ADKINS ET AL., "The Physiological Basis of Seed Dormancy in Avena Fatua", <u>Crop Science Plant Ecol</u> , 1985, 310-16, Abstract.		
	6.	MISSEN ET AL., "Metabolism of Sinapis Alba Seeds in Water Under Anaerobic Conditions", <u>Phytochemistry</u> , 1970, 1473-18, Abstract.		
✓	7.	A. H. COOK ET AL., "Method for Assaying the Germination-Inhibitory Activity of Barley Steeping Liquors", <u>J. Inst. Brewing</u> , 1952, 407-413.		
✓	8.	K.T. LUU et al., "Characterization of Inhibitory Substances of Tall Fescue on Birdsfoot Trefoil", <u>Crop Science</u> , 29, 1989, 407-412		
✓	9.	GRIFFITHS ET AL., "Retardation of Modification and Enzyme Formation in Barley Endosperm by Steep Liquors and Other Substances", <u>J. Inst. Brewing</u> , 1962.		
✓	10.	MATSUSHIMA ET AL., "Physiological Activities of Zeanic Acid, a New Plant-Growth Promotor from Corn Steep Liquor", 1972, Publication of University of Tokyo, Japan, pp 1873-1880.		
✓	11.	MATSUSHIMA ET AL., "Isolation of Zeanic Acid, a Natural Plant Growth-regulator from Corn Steep Liquor and its Chemical Structure", 1972, Publication of Sankyo Co., Ltd. Tokyo, Japan, pp 1865-1871.		
✓	12.	"Isolation of a New Quinoline, 2,8-Dihydroxycinchoninic Acid from Corn Steep Liquor", <u>Agr. Bio. Chem.</u> , Vol. 34, No. 9, 1970, pp 1430-1431.		
✓	13.	EVENARI, "Germination Inhibitors", <u>The Botanical Review</u> , 1949, Vol. XV, Hebrew University, Jerusalem.		

Examiner Signature		Date Considered	
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